

## 355 IMAGING CIRCUIT AND METHOD OF SPATIAL COMPENSATION

## Abstract of the Disclosure

360 An imaging system (10) and method compensate for  
different amplitudes of pixel signals generated by  
photoactive devices in an optical sensor (32) whose  
responses to projected light are not uniform. The sensor  
is divided into regions (52) such that the response of the  
photoactive devices within a region are substantially  
365 equal. A processing circuit (34) compensates for different  
responses among different regions with a programmable gain  
amplifier (72) whose gain is dynamically adjusted when  
pixel signals generated in different regions are received.